BHURAT BENGALURU MAHANAGAR PALIKE

DASARAHALLI DIVISION

Name of the work : Restoration and Improvements of roads and drains in A Y R Layout, Shettyhalli village,RR layout of Chikkasandra village and Abigere village roads, BTS Village, Vishveshwariah village, Royal Enclave and Sidedahalli Old Village roads Dugged by BWSSB to lay water Supply and UGD lines under 110 villages in ward No 12 & 14 Shettyhalli.

Pre-Measurement Sheet

4th and Part

Item No:	2
Item Name:	Earthwork excavation by manual means for roads, drains & similar works in ordinary soil excavated surface levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking of clods complete as per specifications.

	CHAINAGE		NO's	L	B1	B2	AvgB	D	QTY	REMARKS
	Land Mark			(m)	(m)	(m)	(m)	(m)		
Earthwork For Roads										
Kirloskar Layout (Asphalt Road)										
2nd Cross Road										
From Main Road	0.00	30.00	1	30.00	6.40	6.10	6.25	0.30	56.25	
	30.00	60.00	1	30.00	6.10	6.00	6.05	0.30	54.45	
	60.00	90.00	1	30.00	6.00	6.70	6.35	0.30	57.15	
	90.00	120.00	1	30.00	6.70	5.90	6.30	0.30	56.70	
	120.00	150.00	1	30.00	5.90	6.00	5.95	0.30	53.55	
	150.00	165.50	1	15.50	6.00	6.00	6.00	0.30	27.90	
5th Cross Road										
From 4th Cross Road	0.00	30.00	1	30.00	5.20	6.50	5.85	0.30	52.65	
	30.00	60.00	1	30.00	6.50	6.60	6.55	0.30	58.95	
	60.00	90.00	1	30.00	6.60	6.40	6.50	0.30	58.50	
	90.00	94.00	1	4.00	6.40	6.60	6.50	0.30	7.80	
6th Cross Road										
From 5th Cross Road	0.00	30.00	1	30.00	6.60	5.40	6.00	0.30	54.00	
	30.00	62.00	1	32.00	5.40	6.20	5.80	0.30	55.68	
7th Cross Road										
From 6th Cross Road	0.00	30.00	1	30.00	5.70	6.40	6.05	0.30	54.45	
	30.00	62.50	1	32.50	6.40	6.50	6.45	0.30	62.89	
8th Cross Road										
From 4th Cross Road	0.00	30.00	1	30.00	6.50	6.50	6.50	0.30	58.50	
	30.00	60.00	1	30.00	6.50	5.50	6.00	0.30	54.00	
	60.00	93.00	1	33.00	5.50	6.70	6.10	0.30	60.39	
4th Cross Road										
From 2nd Cross Road	0.00	30.00	1	30.00	7.10	6.00	6.55	0.30	58.95	
	30.00	60.00	1	30.00	6.00	6.10	6.05	0.30	54.45	
	60.00	90.00	1	30.00	6.10	6.50	6.30	0.30	56.70	
	90.00	120.00	1	30.00	6.50	6.50	6.50	0.30	58.50	
	120.00	132.00	1	12.00	6.50	6.80	6.65	0.30	23.94	
9th Cross Road										
From Main Road	0.00	30.00	1	30.00	6.70	5.70	6.20	0.30	55.80	
	30.00	60.00	1	30.00	5.70	6.90	6.30	0.30	56.70	
	60.00	90.00	1	30.00	6.90	6.00	6.45	0.30	58.05	
	90.00	120.00	1	30.00	6.00	6.80	6.40	0.30	57.60	

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	CHAINAGE Land Mark		NO's	L (m)	B1 (m)	B2 (m)	AvgB (m)	D (m)	QTY	REMARKS
	120.00	150.00	1	30.00	6.80	5.80	6.30	0.30	56.70	
	150.00	169.00	1	19.00	5.80	6.20	6.00	0.30	34.20	
3rd Cross Road										
From 2nd Cross Road	0.00	30.00	1	30.00	6.40	6.60	6.50	0.30	58.50	
	30.00	60.00	1	30.00	6.60	6.60	6.60	0.30	59.40	
	60.00	90.00	1	30.00	6.60	6.30	6.45	0.30	58.05	
	90.00	120.00	1	30.00	6.30	6.00	6.15	0.30	55.35	
	120.00	130.00	1	10.00	6.00	6.10	6.05	0.30	18.15	
21st Cross Road										
From 19th Main Road	0.00	30.00	1	30.00	6.80	5.60	6.20	0.30	55.80	
	30.00	60.00	1	30.00	5.60	5.50	5.55	0.30	49.95	
	60.00	90.00	1	30.00	5.50	6.50	6.00	0.30	54.00	
	90.00	91.00	1	1.00	6.50	6.50	6.50	0.30	1.95	
22nd Cross Road										
From Main Road	0.00	30.00	1	30.00	6.20	6.70	6.45	0.30	58.05	
	30.00	60.00	1	30.00	6.70	5.60	6.15	0.30	55.35	
	60.00	90.00	1	30.00	5.60	6.40	6.00	0.30	54.00	
	90.00	95.50	1	5.50	6.40	6.40	6.40	0.30	10.56	
24th Cross Road										
From 3rd Main Road	0.00	30.00	1	30.00	6.10	6.60	6.35	0.30	57.15	
	30.00	51.00	1	21.00	6.40	6.50	6.45	0.30	40.64	
25th Cross Road										
From Main Road	0.00	30.00	1	30.00	6.40	6.00	6.20	0.30	55.80	
	30.00	60.00	1	30.00	6.00	5.50	5.75	0.30	51.75	
	60.00	90.00	1	30.00	5.50	6.40	5.95	0.30	53.55	
	90.00	127.00	1	37.00	6.40	6.30	6.35	0.30	70.49	
26th Cross Road										
From 19th Main Road	0.00	30.00	1	30.00	6.80	6.20	6.50	0.30	58.50	
	30.00	60.00	1	30.00	6.20	6.50	6.35	0.30	57.15	
	60.00	90.00	1	30.00	6.50	6.00	6.25	0.30	56.25	
	90.00	120.00	1	30.00	6.00	6.30	6.15	0.30	55.35	
	120.00	138.60	1	18.60	6.30	6.00	6.15	0.30	34.32	
27th Cross Road										
From Chimi Hill Main Road	0.00	30.00	1	30.00	6.60	6.30	6.45	0.30	58.05	
	30.00	60.00	1	30.00	6.30	6.50	6.40	0.30	57.60	
	60.00	90.00	1	30.00	6.50	6.60	6.55	0.30	58.95	
	90.00	112.30	1	22.30	6.60	6.50	6.55	0.30	43.82	
28th Cross Road										
From Main Road	0.00	30.00	1	30.00	6.10	6.70	6.40	0.30	57.60	
	30.00	60.00	1	30.00	6.70	6.20	6.45	0.30	58.05	
	60.00	90.00	1	30.00	6.20	6.40	6.30	0.30	56.70	
	90.00	120.00	1	30.00	6.40	6.00	6.20	0.30	55.80	
	120.00	150.00	1	30.00	6.00	6.30	6.15	0.30	55.35	
29th Cross Road										
From Chimi Hill Main Road	0.00	30.00	1	30.00	6.40	6.00	6.20	0.30	55.80	
	30.00	60.00	1	30.00	6.00	5.90	5.95	0.30	53.55	
	60.00	90.00	1	30.00	5.90	6.30	6.10	0.30	54.90	
	90.00	117.00	1	27.00	6.30	6.00	6.15	0.30	49.82	
Siddeshwara Layout (Asphalt Road)										
5th Cross Road (LHS)										

CHAINAGE		L	BL	BC	Height	D	QTY	REMARKS
Land Mark		mm	mm	mm	mm	mm		
Thiruvalluvar Nagar Main Road	0.000 – 30.000	1	30.00	5.00	4.40	4.70	0.30	48.30
	30.000 – 60.000	1	30.00	4.40	5.30	4.85	0.30	49.65
	60.000 – 65.000	1	5.00	5.30	5.00	5.15	0.30	5.75
		4th Cross Road (RHS)						
Thiruvalluvar Nagar Main Road	0.000 – 30.000	1	30.00	4.40	5.20	4.75	0.30	48.75
	30.000 – 60.000	1	30.00	5.10	5.30	5.20	0.30	48.90
	60.000 – 62.000	1	2.00	5.10	5.50	5.30	0.30	3.86
		4th Cross Road (LHS)						
Thiruvalluvar Nagar Main Road	0.000 – 30.000	1	30.00	5.00	4.90	4.95	0.30	48.95
	30.000 – 60.000	1	30.00	4.90	4.70	4.80	0.30	48.90
	60.000 – 66.000	1	6.00	4.70	4.50	4.60	0.30	8.28
		5th Cross Road						
Thiruvalluvar Nagar Main Road	0.000 – 30.000	1	30.00	5.50	5.00	5.25	0.30	48.15
	30.000 – 60.000	1	30.00	5.10	5.70	5.40	0.30	49.05
	60.000 – 90.000	1	30.00	5.70	5.60	5.65	0.30	50.85
	90.000 – 120.000	1	30.00	5.60	5.40	5.50	0.30	49.50
	120.000 – 150.000	1	30.00	5.40	5.00	5.20	0.30	46.80
	150.000 – 180.000	1	30.00	5.00	5.00	5.00	0.30	45.00
	180.000 – 187.000	1	7.00	5.00	5.00	5.00	0.30	10.50
		5th A LHS Cross Road						
Thiruvalluvar Nagar Main Road	0.000 – 30.000	1	30.00	5.50	5.10	5.35	0.30	48.15
	30.000 – 47.000	1	17.00	5.10	5.10	5.10	0.30	26.01
		5th A RHS Cross Road						
Thiruvalluvar Nagar Main Road	0.000 – 30.000	1	30.00	5.00	5.00	5.00	0.30	45.00
	30.000 – 38.500	1	8.50	5.00	5.00	5.00	0.30	13.01
		5th B LHS Cross Road						
Thiruvalluvar Nagar Main Road	0.000 – 30.000	1	30.00	5.60	5.70	5.65	0.30	50.85
	30.000 – 49.000	1	19.00	5.70	5.70	5.70	0.30	32.49
		5th B RHS Cross Road						
Thiruvalluvar Nagar Main Road	0.000 – 30.000	1	30.00	5.60	5.40	5.50	0.30	49.50
	30.000 – 39.000	1	9.00	5.40	5.30	5.35	0.30	14.45
		5th C LHS Cross Road						
Thiruvalluvar Nagar Main Road	0.000 – 30.000	1	30.00	5.30	5.40	5.35	0.30	48.15
	30.000 – 45.40	1	15.40	5.40	5.40	5.40	0.30	24.97
		5th C RHS Cross Road						
Thiruvalluvar Nagar Main Road	0.000 – 30.000	1	30.00	5.40	5.40	5.40	0.30	48.60
	30.000 – 39.000	1	9.00	5.40	5.40	5.40	0.30	14.58
		7th Cross Road (Hindu College Road)						
Thiruvalluvar Nagar Main Road	0.000 – 30.000	1	30.00	6.10	6.50	6.30	0.30	56.70
	30.000 – 57.000	1	27.00	6.50	6.40	6.20	0.30	50.22
		MIG Layout (Asphalt Road)						
		1st Cross Road						
Thiruvalluvar Nagar Main Road	0.000 – 30.000	1	30.00	5.40	5.20	5.30	0.30	47.70
	30.000 – 60.000	1	30.00	5.20	5.30	5.25	0.30	47.25

	CHAINAGE		NO's	L	B1	B2	Avg B	D	QTY	REMARKS
	Land Mark			(m)	(m)	(m)	(m)	(m)		
	0.00	30.50	1	30.50	5.30	5.30	5.30	0.30	48.50	
			2nd Cross Road							
om Main Road	0.00	30.00	1	30.00	4.40	4.50	4.45	0.30	40.05	
	30.00	60.00	1	30.00	4.50	4.50	4.70	0.30	42.30	
	60.00	94.00	1	34.00	4.90	4.30	4.60	0.30	46.92	
			6th Cross Road (MHR Layout)							
om Main Road	0.00	30.00	1	30.00	7.20	6.30	6.75	0.30	60.75	
	30.00	60.00	1	30.00	6.30	6.50	6.40	0.30	57.60	
	60.00	81.00	1	21.00	6.50	5.90	6.20	0.30	39.06	
	Deduction For (Manhole/Trees)									
	Kirloskar Layout (Asphalt Road)									
			2nd Cross Road							
Manhole			-3		(¶*0.9*09)/4			0.30	-0.57	
			5th Cross Road							
Manhole			-1		(¶*0.9*09)/4			0.30	-0.19	
			6th Cross Road							
Manhole			-1		(¶*0.9*09)/4			0.30	-0.19	
			7th Cross Road							
Manhole			-1		(¶*0.9*09)/4			0.30	-0.19	
			8th Cross Road							
Manhole			-2		(¶*0.9*09)/4			0.30	-0.38	
			4th Cross Road							
Manhole			-4		(¶*0.9*09)/4			0.30	-0.76	
			9th Cross Road							
Manhole			-2		(¶*0.9*09)/4			0.30	-0.38	
			3rd Cross Road							
Manhole			-4		(¶*0.9*09)/4			0.30	-0.76	
			21st Cross Road							
Manhole			-1		(¶*0.9*09)/4			0.30	-0.19	
			22nd Cross Road							
Manhole			-1		(¶*0.9*09)/4			0.30	-0.19	
			24th Cross Road							
Manhole			-1		(¶*0.9*09)/4			0.30	-0.19	
			25th Cross Road							
Manhole			-3		(¶*0.9*09)/4			0.30	-0.57	
			26th Cross Road							
Manhole			-3		(¶*0.9*09)/4			0.30	-0.57	
			27th Cross Road							
Manhole			-1		(¶*0.9*09)/4			0.30	-0.19	
			28th Cross Road							
Manhole			-2		(¶*0.9*09)/4			0.30	-0.38	
			29th Cross Road							
Manhole			-2		(¶*0.9*09)/4			0.30	-0.38	
	Siddeshwara Layout (Asphalt Road)									
			4th Cross Road (RHS)							
Manhole			-3		(¶*0.9*09)/4			0.30	-0.57	
Tree			-4		(¶*0.9*09)/4/2			0.30	-0.37	
			5th Cross Road							
Manhole			-9		(¶*0.9*09)/4			0.30	-1.70	

	CHAINAGE Land Mark		NOS	L (m)	B1 (m)	B2 (m)	Angle (m)	D (m)	QTY	REMARKS
Tree			30		(¶*0.9*09)/4/2			0.30	1.86	
			5th A (RHS) Cross Road							
Tree			3		(¶*0.9*09)/4/2			0.30	0.19	
			5th B (LHS) Cross Road							
Tree			11		(¶*0.9*09)/4/2			0.30	1.02	
			5th B (RHS) Cross Road							
Tree			3		(¶*0.9*09)/4/2			0.30	0.28	
			5th C (LHS) Cross Road							
Tree			1		(¶*0.9*09)/4/2			0.30	0.09	
			5th C (RHS) Cross Road							
Tree			3		(¶*0.9*09)/4/2			0.30	0.28	
			MHR Layout (Asphalt Road)							
			1st Cross Road							
Manhole			9		(¶*0.9*09)/4			0.30	0.38	
			2nd Cross Road							
Manhole			9		(¶*0.9*09)/4			0.30	0.38	
			6th Cross Road (MHR Layout)							
Manhole			9		(¶*0.9*09)/4			0.30	0.38	
vssb Cutting										
			Kirloskar Layout (Asphalt Road)							
			2nd Cross Road							
om Main Road	0.00	30.00	2	30.00			0.80	0.40	19.20	
	30.00	60.00	2	30.00			0.80	0.40	19.20	
	60.00	90.00	2	30.00			0.80	0.40	19.20	
	90.00	120.00	2	30.00			0.80	0.40	19.20	
	120.00	150.00	2	30.00			0.80	0.40	19.20	
	150.00	165.50	2	15.50			0.80	0.40	9.92	
			5th Cross Road							
rom 4th Cross Road	0.00	30.00	2	30.00			0.80	0.40	19.20	
	30.00	60.00	2	30.00			0.80	0.40	19.20	
	60.00	90.00	2	30.00			0.80	0.40	19.20	
	90.00	94.00	2	4.00			0.80	0.40	2.56	
			6th Cross Road							
rom 5th Cross Road	0.00	30.00	2	30.00			0.80	0.40	19.20	
	30.00	62.00	2	32.00			0.80	0.40	20.48	
			7th Cross Road							
rom 6th Cross Road	0.00	30.00	2	30.00			0.80	0.40	19.20	
	30.00	62.50	2	32.50			0.80	0.40	20.80	
			8th Cross Road							
rom 4th Cross Road	0.00	30.00	2	30.00			0.80	0.40	19.20	
	30.00	60.00	2	30.00			0.80	0.40	19.20	
	60.00	93.00	2	33.00			0.80	0.40	21.12	
			4th Cross Road							
rom 2nd Cross Road	0.00	30.00	2	30.00			0.80	0.40	19.20	
	30.00	60.00	2	30.00			0.80	0.40	19.20	
	60.00	90.00	2	30.00			0.80	0.40	19.20	
	90.00	120.00	2	30.00			0.80	0.40	19.20	

Chainage		No's	L	B	D		
From	To		(m)	(m)	(m)	(m)	
0.00	30.00	2	30.00		0.60	0.40	72.00
3rd Cross Road							
0.00	30.00	2	30.00		0.60	0.40	72.00
30.00	60.00	2	30.00		0.60	0.40	72.00
60.00	90.00	2	30.00		0.60	0.40	72.00
90.00	120.00	2	30.00		0.60	0.40	72.00
120.00	150.00	2	30.00		0.60	0.40	72.00
150.00	166.00	2	16.00		0.60	0.40	38.40
4th Cross Road							
0.00	30.00	2	30.00		0.60	0.40	72.00
30.00	60.00	2	30.00		0.60	0.40	72.00
60.00	90.00	2	30.00		0.60	0.40	72.00
90.00	120.00	2	30.00		0.60	0.40	72.00
120.00	136.00	2	16.00		0.60	0.40	38.40
5th Cross Road							
0.00	30.00	2	30.00		0.60	0.40	72.00
30.00	60.00	2	30.00		0.60	0.40	72.00
60.00	90.00	2	30.00		0.60	0.40	72.00
90.00	91.00	2	1.00		0.60	0.40	2.40
6th Cross Road							
0.00	30.00	2	30.00		0.60	0.40	72.00
30.00	60.00	2	30.00		0.60	0.40	72.00
60.00	90.00	2	30.00		0.60	0.40	72.00
90.00	95.50	2	5.50		0.60	0.40	13.20
7th Cross Road							
0.00	30.00	2	30.00		0.60	0.40	72.00
30.00	60.00	2	30.00		0.60	0.40	72.00
60.00	90.00	2	30.00		0.60	0.40	72.00
90.00	127.00	2	37.00		0.60	0.40	88.80
8th Cross Road							
0.00	30.00	2	30.00		0.60	0.40	72.00
30.00	60.00	2	30.00		0.60	0.40	72.00
60.00	90.00	2	30.00		0.60	0.40	72.00
90.00	120.00	2	30.00		0.60	0.40	72.00
120.00	139.60	2	19.60		0.60	0.40	47.04
9th Cross Road							
0.00	30.00	2	30.00		0.60	0.40	72.00
30.00	60.00	2	30.00		0.60	0.40	72.00
60.00	90.00	2	30.00		0.60	0.40	72.00
90.00	112.30	2	22.30		0.60	0.40	53.52
10th Cross Road							
0.00	30.00	2	30.00		0.60	0.40	72.00
30.00	60.00	2	30.00		0.60	0.40	72.00
60.00	90.00	2	30.00		0.60	0.40	72.00
90.00	120.00	2	30.00		0.60	0.40	72.00
120.00	150.00	2	30.00		0.60	0.40	72.00
11th Cross Road							

	CHAINAGE		NO's	L	R1	R2	AngB	D	QTY	REMARKS
	Land Mark			(m)	(m)	(m)	(m)	(m)		
From Chimi Hill Main Road	0.00	30.00	2	30.00			0.80	0.40	19.20	
	30.00	60.00	2	30.00			0.80	0.40	19.20	
	60.00	90.00	2	30.00			0.80	0.40	19.20	
	90.00	117.00	2	27.00			0.80	0.40	17.28	
Siddeshwara Layout (Asphalt Road)										
5th Cross Road (LHS)										
From 2nd Main Road	0.00	30.00	2	30.00			0.80	0.40	19.20	
	30.00	60.00	2	30.00			0.80	0.40	19.20	
	60.00	65.00	2	5.00			0.80	0.40	3.20	
4th Cross Road (RHS)										
From 2nd Main Road	0.00	30.00	2	30.00			0.80	0.40	19.20	
	30.00	60.00	2	30.00			0.80	0.40	19.20	
	60.00	82.00	2	22.00			0.80	0.40	14.08	
4th Cross Road (LHS)										
From 2nd Main Road	0.00	30.00	2	30.00			0.80	0.40	19.20	
	30.00	60.00	2	30.00			0.80	0.40	19.20	
	60.00	66.00	2	6.00			0.80	0.40	3.84	
5th Cross Road										
From 1st Main Road	0.00	30.00	2	30.00			0.80	0.40	19.20	
	30.00	60.00	2	30.00			0.80	0.40	19.20	
	60.00	90.00	2	30.00			0.80	0.40	19.20	
	90.00	120.00	2	30.00			0.80	0.40	19.20	
	120.00	150.00	2	30.00			0.80	0.40	19.20	
	150.00	170.00	2	20.00			0.80	0.40	12.80	
	170.00	177.00	2	7.00			0.80	0.40	4.48	
5th A (LHS) Cross Road										
From 5th Cross Road	0.00	30.00	2	30.00			0.80	0.40	19.20	
	30.00	47.00	2	17.00			0.80	0.40	10.88	
5th A (RHS) Cross Road										
From 5th Cross Road	0.00	30.00	2	30.00			0.80	0.40	19.20	
	30.00	38.50	2	8.50			0.80	0.40	5.44	
5th B (LHS) Cross Road										
From 5th Cross Road	0.00	30.00	2	30.00			0.80	0.40	19.20	
	30.00	49.00	2	19.00			0.80	0.40	12.16	
5th B (RHS) Cross Road										
From 5th Cross Road	0.00	30.00	2	30.00			0.80	0.40	19.20	
	30.00	39.00	2	9.00			0.80	0.40	5.76	
5th C (LHS) Cross Road										
From 5th Cross Road	0.00	30.00	2	30.00			0.80	0.40	19.20	
	30.00	46.40	2	16.40			0.80	0.40	10.50	
5th C (RHS) Cross Road										
From 5th Cross Road	0.00	30.00	2	30.00			0.80	0.40	19.20	
	30.00	39.00	2	9.00			0.80	0.40	5.76	
7th Cross Road (Kids Collage Road)										
From 5th Cross	0.00	30.00	2	30.00			0.80	0.40	19.20	

	CHAINAGE		NO's	L	B1	B2	AvgB	D	QTY	REMARKS
	Land Mark			(m)	(m)	(m)	(m)	(m)		
Road	30.00	57.00	2	27.00			0.80	0.40	17.28	
NMH Layout (Asphalt Road)										
1st Cross Road										
rom Main Road	0.00	30.00	2	30.00			0.80	0.40	19.20	
	30.00	60.00	2	30.00			0.80	0.40	19.20	
	60.00	90.50	2	30.50			0.80	0.40	19.52	
2nd Cross Road										
rom Main Road	0.00	30.00	2	30.00			0.80	0.40	19.20	
	30.00	60.00	2	30.00			0.80	0.40	19.20	
	60.00	94.00	2	34.00			0.80	0.40	21.76	
6th Cross Road (MHR Layout)										
rom Main Road	0.00	30.00	2	30.00			0.80	0.40	19.20	
	30.00	60.00	2	30.00			0.80	0.40	19.20	
	60.00	81.00	2	21.00			0.80	0.40	13.44	
arth Work For Culverts										
Kirloskar Layout										
3rd Cross Road (opp to Fabric Soft)										
	0.00	7.10	1	7.10			1.50	0.90	9.59	
4th Cross Road RHS (From 2nd Cross)										
	0.00	7.40	1	7.40			1.50	0.90	9.99	
20th Cross Road (RHS) (22nd Cross)										
	0.00	8.20	1	8.20			1.50	0.90	11.07	
20th Cross Road (RHS) (25th Cross)										
	0.00	9.40	1	9.40			1.50	0.90	12.69	
24th Cross Road										
	0.00	7.40	1	7.40			1.50	0.90	9.99	
								Total Qty Work Done	6711.34	Cum
								Qty Payable in this bill	6711.34	Cum

Assistant Engineer
Ward No. 14
BBMP-Bengaluru

01/06/22

20/6/22

For Cryo Constructions Private Limited

Managing Director

Asst.Executive Engineer
Dasarahalli Sub Division
BBMP-Bengaluru

BHURAT BENGALURU MAHANAGAR PALIKE

DASARAHALLI DIVISION

Name of the work : Restoration and Improvements of roads and drains in A Y R Layout, Shettyhalli village,RR layout of Chikkasandra village and Abigere village roads, BTS Village, Iveshwariah village, Royal Enclave and Sidedahalli Old Village roads Dugged by BWSSB to lay water Supply and UGD lines under 110 villages in ward No 12 & 14 Shettyhalli.

Pre-Measurement Sheet

4th and Part

Item No:	3
em Name:	Providing and laying in position plain cement concrete of Mix 1:4:8 with OPC @180kgs, with 40mm and down size graded granite metal coarse aggregates @0.85cum and fine aggregates @ 0.57cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation including cost of all materials, labour, HOM curing complete as per specifications

	CHAINAGE		NO's	L	B	D	QTY	REMARKS
	Land Mark			(m)	(m)	(m)		
C For Culverts								
	Kirloskar Layout							
	3rd Cross Road (opp to Fabric Soft)							
	0.00	7.10	1	7.10	1.50	0.15	1.60	
	4th Cross Road RHS (From 2nd Cross)							
	0.00	7.40	1	7.40	1.50	0.15	1.67	
	20th Cross Road (RHS) (22nd Cross)							
	0.00	8.20	1	8.20	1.50	0.15	1.85	
	20th Cross Road (RHS) (25th Cross)							
	0.00	9.40	1	9.40	1.50	0.15	2.12	
	24th Cross Road							
	0.00	7.40	1	7.40	1.50	0.15	1.67	
						Total Qty Work Done	**8.89**	**Cum**
						Qty Payable in this bill	**8.89**	**Cum**

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02/06/22 to 04/06/22

For CKG Constructions Private Limited

Managing Director

Assistant Engineer
Ward No. 14
BBMP-Bengaluru

Asst.Executive Engineer
Dasarahalli Sub Division
BBMP-Bengaluru

BHURAT BENGALURU MAHANAGAR PALIKE

DASARAHALLI DIVISION

Name of the work : Restoration and Improvements of roads and drains in A Y R Layout, Shettyhalli lage,RR layout of Chikkasandra village and Abigere village roads, BTS Village, Vishveshwariah village, oyal Enclave and Sidedahalli Old Village roads Dugged by BWSSB to lay water Supply and UGD lines under 110 villages in ward No 12 & 14 Shettyhalli.

Pre-Measurement Sheet

4th and Part

n No: 4

tem ame: KSRRB M2200-6. Providing T.M.T. steel reinforcement for R.C.C. work including straightening, cutting, bending, hooking, placing in position, lapping and/or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per disign (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM complete as per specification.

l no	Dia of Bar in mm	Side	Spacing of Bar	Nos	Length of Bar in mtr	Total Length of Bar in mtr	Type of Bar	Standard Weight per Meter in kgs	Weight of Steel in kgs	Remarks
			For Culvert							
			Kirloskar Layout							
			3rd Cross Road (opp to Fabric Soft)							
1	10	2	150mm/CC	16	7.10	227.2	Distribution	0.62	141	
2	12	2	100mm/CC	71	2.4	340.8	Main Bar	0.89	303	
			4th Cross Road RHS (From 2nd Cross)							
1	10	2	150mm/CC	16	7.40	236.8	Distribution	0.62	147	
2	12	2	100mm/CC	74	2.4	355.2	Main Bar	0.89	316	
			20th Cross Road (RHS) (22nd Cross)							
1	10	2	150mm/CC	17	8.20	284.3	Distribution	0.62	176	
2	12	2	100mm/CC	82	2.6	426.4	Main Bar	0.89	379	
			20th Cross Road (RHS) (25th Cross)							
1	10	2	150mm/CC	16	9.40	300.8	Distribution	0.62	186	
2	12	2	100mm/CC	94	2.4	451.2	Main Bar	0.89	402	
			24th Cross Road							
1	10	2	150mm/CC	17	7.40	256.5	Distribution	0.62	159	
2	12	2	100mm/CC	74	2.6	384.8	Main Bar	0.89	342	
								Total Quantity of Steel in Kg's	**2552.4**	**kgs**
								Total Quantity of Steel in Tonne's	**2.552**	**Tonnes**
								Qty Payable in this bill	**2.552**	**Tonnes**

Assistant Engineer
Ward No. 14
BBMP-Bengaluru

03/06/22 to 19/06/22

For RKG Constructions Private Limited
Managing Director

Asst.Executive Engineer
Dasarahalli Sub Division
BBMP-Bengaluru

BHURAT BENGALURU MAHANAGAR PALIKE

DASARAHALLI DIVISION

Name of the work : Restoration and Improvements of roads and drains in A Y R Layout, Shettyhalli village, RR layout of Chikkasandra village and Abigere village roads, BTS Village, Ishweshwariah village, Royal Enclave and Sidedahalli Old Village roads Dugged by BWSSB to lay water Supply and UGD lines under 110 villages in ward No 12 & 14 Shettyhalli.

Pre-Measurement Sheet

4th and Part

Item No: 5

Item Name: Providing and laying plain/reinforced cement concrete for side drains using M20 nominal mix concrete with OPC at 300 kgs. with 20mm and down size granite metal coarse aggregates at 0.69 cum and fine aggregates at 0.43 cum machine mixed, well compacted for walls and bottom including centering, shuttering, cost of materials, HOM of machinery, curing etc., complete excluding cost of steel as per MORTH specification No. 1500,1700, 2200. including cost of materials, labour, HOM complete as per specifications.

CHAINAGE / Land Mark		NO's	L (m)	B (m)	D (m)	QTY	REMARKS
M20 For Culverts Raft							
Kirloskar Layout							
3rd Cross Road (opp to Fabric Soft)							
0.00	7.10	1	7.10	1.20	0.20	1.70	
4th Cross Road RHS (From 2nd Cross)							
0.00	7.40	1	7.40	1.20	0.20	1.78	
20th Cross Road (RHS) (22nd Cross)							
0.00	8.20	1	8.20	1.20	0.20	1.97	
20th Cross Road (RHS) (25th Cross)							
0.00	9.40	1	9.40	1.20	0.20	2.26	
24th Cross Road							
0.00	7.40	1	7.40	1.20	0.20	1.78	
M20 For Culverts Wall							
Kirloskar Layout							
3rd Cross Road (opp to Fabric Soft)							
0.00	7.10	2	7.10	0.23	0.60	1.96	
4th Cross Road RHS (From 2nd Cross)							
0.00	7.40	2	7.40	0.23	0.65	2.21	
20th Cross Road (RHS) (22nd Cross)							
0.00	8.20	2	8.20	0.23	0.60	2.26	
20th Cross Road (RHS) (25th Cross)							
0.00	9.40	2	9.40	0.23	0.70	3.03	

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CHAINAGE		NO's	L	B	D	QTY	REMARKS
Land Mark			(m)	(m)	(m)		
24th Cross Road							
0.00	7.40	2	7.40	0.23	0.65	2.21	
					Total Qty Work Done	21.15	Cum
					Qty Payable in this bill	21.15	Cum

04/06/22 to 20/06/22

Assistant Engineer
Ward No. 14
BBMP-Bengaluru

For CKG Constructions Private Limited

Managing Director

Asst.Executive Engineer
Dasarahalli Sub Division
BBMP-Bengaluru

BHURAT BENGALURU MAHANAGAR PALIKE

DASARAHALLI DIVISION

Name of the work : Restoration and Improvements of roads and drains in A Y R Layout, Shettyhalli village,RR layout of Chikkasandra village and Abigere village roads, BTS Village, Vishveshwariah village, Royal Enclave and Sidedahalli Old Village roads Dugged by BWSSB to lay water Supply and UGD lines under 110 villages in ward No 12 & 14 Shettyhalli.

Pre-Measurement Sheet

4th and Part

Item No:	6						
Item Name:	Providing and laying Pre cast drain cover slabs 230mm thick of mix m20 using graded granite jelly 20mm down size with steel reinforecemnt including from work lift charges curing and concrete finished surface on the both side etc complete as directed by engineer incharge of the work.						
	CHAINAGE / Land Mark		NO's	L (m)	B (m)	D (m)	QTY	REMARKS
Slabs For Culverts								
Kirloskar Layout								
3rd Cross Road (opp to Fabric Soft)								
	0.00	7.10	1	7.10	1.50		10.65	
4th Cross Road RHS (From 2nd Cross)								
	0.00	7.40	1	7.40	1.50		11.10	
20th Cross Road (RHS) (22nd Cross)								
	0.00	8.20	1	8.20	1.50		12.30	
20th Cross Road (RHS) (25th Cross)								
	0.00	9.40	1	9.40	1.50		14.10	
24th Cross Road								
	0.00	7.40	1	7.40	1.50		11.10	
6th Cross From 8th Cross RHS								
	0.00	5.10	1	5.10	1.50		7.65	
6th Cross From 5th Cross LHS								
	0.00	7.30	1	7.30	1.50		10.95	
4th Cross Road LHS (From 9th Cross) .								
	0.00	6.80	1	6.80	1.50		10.20	
3rd Cross Road (From 9th Cross LHS)								
	0.00	6.20	1	6.20	1.50		9.30	

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CHAINAGE		NO's	L	B	D	QTY	REMARKS
Land Mark			(m)	(m)	(m)		
20th Cross Road RHS							
0.00	7.40	1	7.40	1.50		11.10	
					Total Qty Work Done	108.45	Sqm
					Qty Payable in this bill	108.45	Sqm

24/06/22

Assistant Engineer
Ward No. 14
BBMP-Bengaluru

For CKG Constructions Private L...

Managing Director

Asst.Executive Engineer
Dasarahalli Sub Division
BBMP-Bengaluru